

CLASSIFICATION RESTRICTED
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS CD NO.

RESTRICTED

STAT

COUNTRY Yugoslavia

DATE OF INFORMATION 1949

SUBJECT Economic - Machinery, machine tools

DATE DIST. 23 Sep 1949

HOW PUBLISHED Daily newspapers

NO. OF PAGES 4

WHERE PUBLISHED Belgrade

SUPPLEMENT TO REPORT NO.

DATE PUBLISHED 23 Jul - 14 Aug 1949

LANGUAGE Serbo-Croatian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ANTI-SPIONAGE ACT 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

MACHINERY, MACHINE-TOOL PLANTS EXPAND

MACHINE FACTORY TO MAKE MOTOR PUMPS -- Rad, No 187, 8 Aug 49

The foundry of the "Jastrebac" machine factory in Nis will begin manufacturing motor pumps on a large scale this year. After the Cominform Resolution, this foundry began producing many more centrifugal pumps. It will build some special generators, which until last year were imported from abroad. The foundry also produces machines for metal shaping, vacuum pumps made of domestic materials, pumps for extracting oil, and machines for making wire. All this equipment had been imported from abroad. The foundry will also produce mechanical grids for power plants, agricultural hedgehogs, furnaces for cement factories, etc.

MODERN STEEL MILL IN PARTIAL OPERATION -- Politika, No 13310, 7 Aug 49

Slavonski Brod - A modern steel mill at the bridge workshop of the "Djuro Djakovic" enterprise is now two-thirds constructed and in partial operation. Such large plants always had to be imported in the past at great expense; but this steel mill was built entirely of Yugoslav materials by the plans of Yugoslav engineers. It was to have been finished in 1951, but will actually be completed and in operation in 1951.

Deep-drilling equipment for use in prospecting for petroleum has been designed and is in production at "Djuro Djakovic." This equipment will be in use during 1949. Sectional steam boilers suitable for heating with coal dust are almost finished and will be ready for installation soon, despite the fact that materials purchased abroad failed to arrive. Mechanical grids suitable for use with all kinds of Yugoslav coal are now being made at "Djuro Djakovic" for use with steam boilers. These grids can burn any type of coal or 3,200 calories or more. Such a grid 30 square meters in area was installed recently and will be put into operation soon. This is the largest size ever made in Yugoslavia.

A two-cylinder 90-horsepower steam shovel designed by Engr Jovan Sel is now being tested. It can be used for cutting canals, pile-driving, strip-mining, and as a bulldozer. It has caterpillar treads that can negotiate any terrain. Steam rollers of Yugoslav construction, and made of Yugoslav materials at this factory,

- 1 -

RESTRICTED

CLASSIFICATION		RESTRICTED											
STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB		DISTRIBUTION									
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI											

RESTRICTED
RESTRICTED

STAT

are also the first of their kind ever built in Yugoslavia. Their boilers, which have been constructed to burn Yugoslav fuels, are very simple.

The first large series of locomotives for local forestry has been made at "Djuro Djakovic." When the needs of Yugoslav industry for this type of locomotive are met this year, the enterprise will turn to the construction of standard-gauge locomotives, the plans for which have already been made. Narrow-gauge locomotives made here for the Bosnian railroad lines have already met the demand of the freight transportation industry.

CROATIAN PLANT MAKES LATHES -- Politika, No 13304, 31 Jul 49

The "Prvomajska" plant, a large new building which is under construction at Zitnjak near Zagreb, is now serially producing TES-4 lathes. During the last year it also made TES-3, DE-40, DE-30, and TKZ-20 lathes, SVOB-120 grinders, EBR-50/10 electric grinders, tB-32 and tB-223 drills, and UHG-290 universal cutters.

The construction of the fast-cutting PIES-100 precision lathes will soon be completed. It will make 1,500 revolutions per minute.

NEW PLANT PRODUCING CONSTRUCTION MACHINERY -- Politika, No 13313, 11 Aug 49

The largest construction machine factory in Yugoslavia, now being built at Smederevo, will soon be completed. The installation of machinery began in January 1949. Although many machines ordered in Hungary, and paid for, failed to arrive, some replacements have been manufactured in the "Prvomajska" factory, and other large Yugoslav plants will deliver other new machines and parts for old ones.

Production at the new factory began in February 1949, despite shortages of machinery, raw materials, space, and skilled workers.

By the end of 1949, the first construction cranes will be built. The Bor mine will soon receive large transporters, the first important equipment made at the new factory.

Next year the plant will be greatly enlarged. New buildings will be built, and the present machine room will be doubled in size.

NEW MACHINERY IN SERIAL PRODUCTION -- Politika, No 13316, 14 Aug 49

The "Djuro Djakovic" enterprise in Slavonski Brod soon will begin the serial production of a new type of steam boiler for central heating. Using special equipment, these boilers can burn coal of very poor quality and still develop the necessary steam.

Central lubricators for locomotives, always imported in the past, are in serial production at the plant. Tests have shown that these lubricators can withstand greater pressure than lubricators of foreign make.

Serial production of a new type of railroad dump car has also begun at "Djuro Djakovic."

- 2 -

RESTRICTED

RESTRICTED

RESTRICTED

RESTRICTED

STAT

TURBINES BEING BUILT AT "LITOSTROJ" -- Rad, No 188 and 189, 9 and 10 Aug 49

Tito's "Litostroj" factory, which built the turbine recently put into operation at the hydroelectric power plant in Vlasenica in Bosnia, has also made a series of vanes for the Vlasina and Musici hydroelectric power plants. By the end of the year a new series of Pelton wheel vanes will be made at "Litostroj" for the Zrnovci, Pescani, and Savica hydroelectric power plants.

Francis-type turbines for the Mesici hydroelectric power plant in Bosnia are now being completed. Each vane will be able to withstand 50 tons of water pressure.

Bronze wheels weighing 500 kilograms had to be made for these turbines, although "Litostroj" had no special furnaces for casting bronze. However, a wheel was cast successfully by means of an ordinary cupola furnace.

Kaplan turbines are also being worked on at "Litostroj." The first prototype of a regulator was made there when the old one in the "Tito" hydroelectric power plant in Dalmatia had to be replaced.

Huge new cranes made in the "Splosna" factory in Maribor have recently been installed in all sections of "Litostroj."

"ISKRA" MAKES NEW MACHINERY AND PARTS -- Borba, No 186, 7 Aug 49

Kranj -- All the products now made at the "Iskra" factory formerly were imported from abroad.

In spite of the difficulties in purchasing special materials and parts resulting from the Cominform Resolution, the factory has greatly increased the serial production of movie projectors. Last year these were supplied only to the largest theaters in Zagreb, Belgrade, and other large cities. This year many smaller cities will receive new movie projectors, and eventually every large movie theater in Yugoslavia will have an "Iskra" movie projector.

Various kinds of telephone equipment are also made at the factory. Prototypes for induction and dial telephones and for dial exchanges have already been made. In 2 months the serial production of induction and dial telephones will begin.

First-rate electric drills for the metal industry are being serially produced at "Iskra." When storage batteries for the drills failed to arrive from Czechoslovakia, "Iskra" workers learned to make them and produced them serially.

Complete electrical equipment for automobiles is now in serial production at "Iskra." Generators, starters, governors, induction coils, and other parts now being serially produced there had to be imported in the past. Ammeters and voltmeters for power plants and many delicate electrical instruments for the radio industry are being made at "Iskra."

FIRST YUGOSLAV BLAST FURNACE -- Borba, No 173, 23 Jul 49.

Construction of the first blast furnace to be built entirely in Yugoslavia was begun about the beginning of July at the "3 Maj" shipyard in Rijeka.

- 3 -

RESTRICTED

RESTRICTED

RESTRICTED

RESTRICTED

STAT

BATTERIES CAN BE MADE IN YUGOSLAVIA -- Politika, No 13316, 14 Aug 49

After cancellation of deliveries for Czechoslovakia, an engineer at the "Munja" storage-battery factory in Zagreb discovered a method of making separators for storage batteries from Yugoslav raw materials. Previously separators had always been imported. This discovery will permit the production of storage batteries to continue without interruption and will also mean great savings in costs and foreign credit.

- E N D -

- 4 -

RESTRICTED

RESTRICTED